

Windbreak Interpretations

Farmstead windbreaks protect livestock, buildings, and yards from wind and snow. They also protect fruit trees and gardens, and they furnish habitat for wildlife. Several rows of low-growing and high-growing broadleaf and coniferous trees and shrubs provide the most protection.

Field windbreaks are narrow plantings made at right angles to the prevailing wind and at specific intervals across the field. The interval depends on the erodibility of the soil. Field windbreaks protect cropland and crops from wind, help to keep snow on the fields, increase crop yields, and provide food and cover for wildlife.

Each tree or shrub species has certain climatic and physiographic limits. Within these parameters a tree or shrub may be well or poorly suited because of soil characteristics. Each tree or shrub also has definable potentials of height growth based on the soil type and climate.

Information in this subsection, which includes windbreak suitability groups and a windbreak and environmental plantings table, can be used as a guide in planning windbreaks and screens.

This subsection includes:

- **(a) Trees and Shrubs for Windbreak and Environmental Plantings**

Cedar County, Missouri
Windbreaks and Environmental Plantings

(Absence of an entry indicates that trees generally do not grow to the given height.)

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
40000: Barden-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
40001: Bolivar-----	American plum; common lilac; fragrant sumac	gray dogwood; Washington hawthorn	Austrian pine; black oak; common hackberry; eastern redcedar; white ash	shortleaf pine	---
40004: Barden-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
40005: Sylvania-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
40006: Barco-----	American plum; common lilac; fragrant sumac	gray dogwood; Washington hawthorn	Austrian pine; black oak; common hackberry; eastern redcedar; white ash	shortleaf pine	---
Sylvania-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---

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	<8	8-15	16-25	26-35	>35
40007: Eldorado-----	American plum; common lilac; fragrant sumac	Amur maple; gray dogwood; Washington hawthorn	Austrian pine; common hackberry; eastern redcedar; honeylocust; Virginia pine	---	---
40008: Parsons-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
40009: Sylvania-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
40010: Collinsville-----	---	---	---	---	---
Rock outcrop-----	---	---	---	---	---
44001: Quarles-----	common buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood
46000: Humansville-----	common buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood
66000: Moniteau-----	common buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood

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66001: Dameron-----	common ninebark	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; common hackberry; green ash; pin oak; sweetgum	eastern cottonwood; eastern white pine
70000: Bona-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
70001: Bona-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
70002: Alsup-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	eastern white pine; green ash; northern red oak; tuliptree	---
70003: Alsup-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	eastern white pine; green ash; northern red oak; tuliptree	---
70004: Alsup-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	eastern white pine; green ash; northern red oak; tuliptree	---
70006: Crelton-----	American plum; common lilac; fragrant sumac	Amur maple; gray dogwood; Washington hawthorn	Austrian pine; common hackberry; eastern redcedar; honeylocust; Virginia pine	---	---

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70007: Cliquot-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
70008: Goss-----	coralberry; fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	eastern white pine; northern red oak; white ash	---
70009: Goss-----	coralberry; fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	eastern white pine; northern red oak; white ash	---
70010: Goss-----	coralberry; fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	eastern white pine; northern red oak; white ash	---
70011: Goss-----	American plum; common lilac; fragrant sumac	gray dogwood; Washington hawthorn	Austrian pine; black oak; common hackberry; eastern redcedar; white ash	shortleaf pine	---
Moko-----	---	---	---	---	---
70012: Hoberg-----	American cranberrybush; American plum; common juniper; coralberry; roughleaf dogwood	common serviceberry; eastern redcedar; smooth sumac; Washington hawthorn	black oak; blackgum; common hackberry; shortleaf pine; Virginia pine	---	---

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	<8	8-15	16-25	26-35	>35
70014: Moko-----	---	---	---	---	---
Rock outcrop-----	---	---	---	---	---
70040: Cliquot-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
Bolivar-----	American plum; common lilac; fragrant sumac	gray dogwood; Washington hawthorn	Austrian pine; black oak; common hackberry; eastern redcedar; white ash	shortleaf pine	---
70041: Goss-----	coralberry; fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	eastern white pine; northern red oak; white ash	---
70042: Goss-----	coralberry; fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	eastern white pine; northern red oak; white ash	---
70043: Sonsac-----	American plum; common lilac; fragrant sumac	Amur maple; gray dogwood; Washington hawthorn	Austrian pine; common hackberry; eastern redcedar; honeylocust; Virginia pine	---	---
Moko-----	---	---	---	---	---
Rock outcrop-----	---	---	---	---	---

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	<8	8-15	16-25	26-35	>35
70044: Sonsac-----	American plum; common lilac; fragrant sumac	Amur maple; gray dogwood; Washington hawthorn	Austrian pine; common hackberry; eastern redcedar; honeylocust; Virginia pine	---	---
Moko-----	---	---	---	---	---
70047: Wanda-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
70048: Alsup-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree	---
70052: Arnica-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree	eastern white pine
70053: Courtois-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree	eastern white pine
70054: Cliquot-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
71254: Cotter-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree	eastern white pine

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71750: Cleora-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; common hackberry; green ash; pin oak; sweetgum	eastern cottonwood; eastern white pine
73000: Pomme-----	American plum; common lilac; fragrant sumac	gray dogwood; Washington hawthorn	Austrian pine; black oak; common hackberry; eastern redcedar; white ash	shortleaf pine	---
73003: Ocie-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	eastern white pine; green ash; northern red oak; tuliptree	---
Gatewood-----	American plum; common lilac; fragrant sumac	Amur maple; gray dogwood; Washington hawthorn	Austrian pine; common hackberry; eastern redcedar; honeylocust; Virginia pine	---	---
73005: Ocie-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	eastern white pine; green ash; northern red oak; tuliptree	---
73007: Plato-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---

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73008: Viraton-----	American plum; common lilac; fragrant sumac	Amur maple; gray dogwood; Washington hawthorn	Austrian pine; common hackberry; eastern redcedar; honeylocust; Virginia pine	---	---
73059: Pomme-----	American plum; common lilac; fragrant sumac	gray dogwood; Washington hawthorn	Austrian pine; black oak; common hackberry; eastern redcedar; white ash	shortleaf pine	---
73075: Hobson-----	American cranberrybush; American plum; common juniper; coralberry; roughleaf dogwood	common serviceberry; eastern redcedar; smooth sumac; Washington hawthorn	black oak; blackgum; common hackberry; shortleaf pine; Virginia pine	---	---
74625: Hartville-----	common ninebark; fragrant sumac	Amur maple; gray dogwood; possumhaw	eastern redcedar	Austrian pine; common hackberry; honeylocust; Norway spruce; pin oak	---
74641: Secesh-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	---
75375: Horsecreek-----	silky dogwood	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; common hackberry; green ash; pin oak; sweetgum	eastern cottonwood; eastern white pine

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75377: Racket-----	silky dogwood	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; common hackberry; green ash; pin oak; sweetgum	eastern cottonwood; eastern white pine
75378: Sturkie-----	silky dogwood	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; common hackberry; green ash; pin oak; sweetgum	eastern cottonwood; eastern white pine
99000: Pits, quarries-----	---	---	---	---	---
99001: Water-----	---	---	---	---	---
99004: Kanima-----	---	---	---	---	---
99007: DAM-----	---	---	---	---	---